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INTEROFFICE CORRESPONDENCE

Richmond, Virginia

To: J. Y. Lewis Date: September 18, 1995

From: J. M. Garman

Subject: **Results of the Fifteenth TITL Collaborative Study**

The tar results obtained by PTL produced the lowest slope and highest Y-intercept as compared to the rest of the testing laboratories. Our TPM results showed us to be slightly higher at the lower delivery range (less than 10 TPM) and significantly lower at the high delivery range (greater than 20 TPM). The nicotine results paralleled the TPM results as would be expected. Water and puff count results were consistent with industry averages. The carbon monoxide results also showed the same low trend at the high delivery range.

We had utilized IM#15 instead of IM#14 for C7. Our results for IM#15 were consistent with the monitor targets. For the Fourteenth Study, our monitor results were on target and yet the lowest as compared to the industry, but the magnitude of the difference was much smaller (less than 0.5 mg/cigt) as compared to the difference exhibited for samples C5 and C6 (approximately 1.0 mg/cigt). This difference appears to be due to smoke methodology but is more pronounced for sample cigarettes than the monitor cigarette.

An action plan is proposed to address this difference before testing the Sixteenth Study in early 1996.

1. Review trends of PM Production Audit results with most recent FTC values to see if collaborative study trends are consistent with historical data.
2. Meet with J. Whidby and C. Ellis on 9/25 to discuss results and action plan.
3. Review our methodology for possible sources of the exhibited trends.
4. Visit TITL to review their smoking methodology, 10/95.
5. Set up collaborative study with only TITL for late 1995.

J M Garman

cc: C. Connell
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Central Files

DOC CODE: P0622

PM3000880954

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